

United States Of America  
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

*Number* SA09019AC-D

*This Certificate issued to* S-TEC Corporation  
One S-TEC Way  
Mineral Wells Municipal Airport  
Mineral Wells, TX 76067-9236

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

*Original Product Type Certificate Number:* A-782  
*Make:* Navion  
*Model:* A, B, D, E, F, G, and H

*Description of Type Design Change:*

Installation of S-TEC System 55/55X Two Axis Automatic Flight Guidance System, Model ST-580, according to Bulletin No. 680, Revision 2, dated 8-15-01 and Master Drawing List No. 92777, Revision B, dated 8-15-01 or later FAA Approved revisions of the above data (14 Volt System).

*Limitations and Conditions:*

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

(See Continuation Sheet, Page 2, a part of this STC.)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* 8-15-95

*Date of issuance:* 8-18-95

*Date issued:*

*Date amended:* 10-16-95, 8-20-01

*By direction of the Administrator*





(Signature)

Michael Keirnan  
DAS Staff Coordinator, DAS 5 SW

(Title)

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# Supplemental Type Certificate

(Continuation Sheet)

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Limitations and Conditions (con't.)

1. Also eligible on Navion models A, B, D, E, F, G, and H when modified by Palo Alto Airport, Inc. or Symon's Engineering horizontal stabilizer angle of incidence change with or without tip tanks and the above models when modified by 285 H.P. engine conversion.
2. FAA/DAS Approved Supplemental Flight Manual, P/N 891193, dated 8-18-95 is required for Navion Models A, B, D, E, and F When Modified Per STC SA4-241 (Stabilizer Modification) and STC SA4-915 (Tip Tanks) And The Above Models When Modified By 285 H.P. Engine Conversion or later FAA Approved revisions of the above supplement.
3. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891210, dated 10-16-95 is required for Navion Models G and H or later FAA Approved revisions of the above supplement.
4. FAA/DAS Approved Supplemental Flight Manual, P/N 891193, Revision 1, dated 8-20-01 is required for Navion models A, B, D, E, and F when modified by Palo Alto Airport, Inc. or Symon's Engineering horizontal stabilizer angle of incidence change with or without tip tanks and the above models when modified by 285 H.P. engine conversion or later FAA Approved revisions of the above supplement.
5. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891210, Revision 1, dated 8-20-01 is required for Navion models G and H when modified by Palo Alto Airport, Inc. or Symon's Engineering horizontal stabilizer angle of incidence change with or without tip tanks and the above models when modified by 285 H.P. engine conversion or later FAA Approved revisions of the above supplement.
6. Compatibility of this modification with other previously approved modifications must be determined by the installer.